What is claimed is:

[Claim 1] An antenna assembly comprising a lower break assembly having a center fed transmission line within a conductive tube forming a lower portion of a dipole radiator, and an upper break assembly having a center-fed transmission line within at least one conductive tube forming an upper portion of a dipole radiator, the lower break assembly and upper break assembly being mutually connectable for connecting the transmission lines to each other at a junction, wherein the lower portion and upper portion, when joined, form one pole of a center-fed dipole radiator.

[Claim 2] The antenna assembly of claim 1 wherein the feed point for the dipole radiator is disposed away from the junction.

[Claim 3] The antenna assembly of claim 2 wherein the feed point for the dipole radiator is disposed away from the lower and upper portions.

[Claim 4] The antenna assembly of claim 1 wherein the lower portion comprises a conductive sleeve and the upper portion comprises a conductive cylinder, and the conductive sleeve and the conductive cylinder form the one pole of the dipole radiator in the junction, when the junction is assembled.

[Claim 5] A dipole antenna wherein at least a portion of one pole of the dipole is formed of two separable pieces, connectable to each other at a junction without significant signal loss through the junction.

[Claim 6] The dipole antenna of claim 5 wherein the one pole of the dipole is formed of two separable pieces.

[Claim 7] The dipole antenna of claim 5 wherein the two poles are formed of conductive tubes.

[Claim 8] The dipole antenna of claim 5 wherein no feed point for the dipole antenna is located at the junction.

[Claim 9] The dipole antenna of claim 5 wherein no feed point for the dipole antenna is located at the two separable pieces.